

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|------------------------------|------------------|---------|------------------|
| S1 | 218 | (SPM or (scanning adj probe adj microscope)) and (FIB or (focused adj ion adj beam)) and (etch\$5 or sputter\$5) | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/04/03 11:24 |
| S2 | 218 | (SPM or (scanning adj probe adj microscope)) and (FIB or (focused adj ion adj beam)) and (etch\$5 or sputter\$5) | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/04/03 09:08 |
| S3 | 36 | ("20010008272" "20020149782" "20020165636" "20030133104" "20030194820" "20040018653" "20040070772" "20040080757" "20040109165" "20040147048" "4408884" "5091320" "5164790" "5216235" "5262643" "5307693" "5362585" "5394500" "5501637" "5517027" "5699447" "5739909" "5756887" "5801381" "5835221" "5955654" "6016684" "6229609" "6407373" "6421457" "6522776" "6552337" "6658922" "6743646" "6744057" "6744648").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/04/03 08:55 |
| S4 | 2 | (SPM or (scanning adj probe adj microscope)) and (FIB or (focused adj ion adj beam)) and (etch\$5 or sputter\$5) | EPO; JPO; DERWENT | OR | OFF | 2006/04/03 09:09 |
| S6 | 1087 | (SPM or (scanning adj probe adj microscope)) | JPO | OR | OFF | 2006/04/03 09:10 |
| S7 | 40 | (SPM or (scanning adj probe adj microscope)) and (etch\$ or (ion adj beam)) | JPO | OR | OFF | 2006/04/03 09:15 |
| S8 | 87 | (SPM or (scanning adj probe adj microscope)) and (etch\$ or (ion adj beam)) | EPO; DERWENT | OR | OFF | 2006/04/03 09:25 |
| S9 | 5 | (AFM or (atomic adj force adj microscope)) and (FIB or (focus\$5 adj ion adj beam)) | JPO | OR | OFF | 2006/04/03 09:27 |
| S10 | 655 | (AFM or (atomic adj force adj microscope)) and (FIB or (focus\$5 adj ion adj beam)) | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/04/03 09:31 |
| S11 | 102 | (AFM or (atomic adj force adj microscope)) and (FIB or (focus\$5 adj ion adj beam)) and (repair\$5) | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/04/03 09:57 |

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| S12 | 2 | (AFM or (atomic adj force adj microscope)) and (FIB or (focus\$5 adj ion adj beam)) and (repair\$5) | EPO; JPO; DERWENT | OR | OFF | 2006/04/03 10:15 |
| S13 | 0 | (AFM or (atomic adj force adj microscope)) and (FIB or (focus\$5 adj ion adj beam)) and (cross adj section\$3) | EPO; JPO; DERWENT | OR | OFF | 2006/04/03 10:32 |
| S14 | 63 | (spm or (scanning adj probe adj microscope)) and (FIB or (focus\$5 adj ion adj beam)) and (cross adj section\$3) | USPAT; USOCR | OR | OFF | 2006/04/03 10:33 |
| S15 | 36 | ("20010008272" "20020149782" "20020165636" "20030133104" "20030194820" "20040018653" "20040070772" "20040080757" "20040109165" "20040147048" "4408884" "5091320" "5164790" "5216235" "5262643" "5307693" "5362585" "5394500" "5501637" "5517027" "5699447" "5739909" "5756887" "5801381" "5835221" "5955654" "6016684" "6229609" "6407373" "6421457" "6522776" "6552337" "6658922" "6743646" "6744057" "6744648").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/04/03 10:36 |
| S16 | 27 | ((SPM or (scanning adj probe adj microscope)) same sidewall) and (etch\$5 or sputter\$5) | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/04/03 10:49 |
| S17 | 1 | ((SPM or (scanning adj probe adj microscope)) same sidewall) and (etch\$5 or sputter\$5) | EPO; JPO; DERWENT | OR | OFF | 2006/04/03 10:49 |
| S18 | 51 | ((SPM or (scanning adj probe adj microscope)) same wall) and (etch\$5 or sputter\$5) | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/04/03 10:51 |
| S19 | 2 | ((SPM or (scanning adj probe adj microscope)) same wall) and (etch\$5 or sputter\$5) | EPO; JPO; DERWENT | OR | OFF | 2006/04/03 10:51 |
| S20 | 3 | ((AFM or (atomic adj force adj microscope)) same wall) and (etch\$5 or sputter\$5) | EPO; JPO; DERWENT | OR | OFF | 2006/04/03 10:52 |
| S21 | 3 | ((AFM or (atomic adj force adj microscope)) same wall) and (etch\$5 or sputter\$5) | EPO; JPO; DERWENT | OR | OFF | 2006/04/03 10:54 |
| S22 | 196 | ((AFM or (atomic adj force adj microscope)) same wall) and (etch\$5 or sputter\$5) | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/04/03 11:03 |

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| S23 | 1 | "6207575".pn. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/04/03 11:02 |
| S24 | 10 | ("5382795" "5420796" "5426302" "5489774" "5497656" "5517027" "5606190" "5621652" "5622596" "5652428").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/04/03 11:02 |
| S25 | 3 | ((AFM or (atomic adj force adj microscope)) same wall) and (etch\$5 or sputter\$5) | EPO; JPO; DERWENT | OR | OFF | 2006/04/03 11:04 |
| S26 | 0 | ((AFM or (atomic adj force adj microscope)) same wall) and (mirror adj finish\$5) | EPO; JPO; DERWENT | OR | OFF | 2006/04/03 11:04 |
| S27 | 0 | ((AFM or (atomic adj force adj microscope)) same wall) and (mirror adj finish\$5) | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/04/03 11:05 |
| S28 | 172 | ((AFM or (atomic adj force adj microscope))) and (mirror adj finish\$5) | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/04/03 11:11 |
| S29 | 14 | ((SPM or (scanning adj probe adj microscope))) and (mirror adj finish\$5) | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/04/03 11:12 |
| S30 | 0 | ((SPM or (scanning adj probe adj microscope))) and (mirror adj finish\$5) | EPO; JPO; DERWENT | OR | OFF | 2006/04/03 11:13 |
| S31 | 1 | "6207575".pn. | EPO; JPO; DERWENT | OR | OFF | 2006/04/03 11:13 |
| S32 | 1 | "6207575".pn. | USPAT | OR | OFF | 2006/04/03 11:13 |
| S33 | 2 | ("6207575").URPN. | USPAT | OR | OFF | 2006/04/03 11:13 |
| S34 | 57 | (SPM or (scanning adj probe adj microscope) or afm or (atomic adj force adj microscope)) and (FIB or (focused adj ion adj beam)) and (etch\$5 or sputter\$5) and interconnect | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/04/03 11:47 |
| S35 | 11 | ("4687940" "4925755" "5026664" "5104684" "5182231" "5376883" "5504340" "5574280" "6177670" "6514881" "6630395").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/04/03 11:31 |
| S36 | 1 | "20030071361" | US-PGPUB | OR | OFF | 2006/04/03 11:32 |
| S37 | 1 | "20030071361" and spm | US-PGPUB | OR | OFF | 2006/04/03 11:32 |

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| S38 | 34 | ("20010029070" "20020000670" "20020020868" "20020020870" "20020024141" "20020055246" "20020055256" "4624864" "4687940" "4925755" "5104684" "5182231" "5215824" "5376883" "5504340" "5574280" "5821160" "5861328" "6114186" "6124164" "6140672" "6165833" "6165834" "6171925" "6177670" "6249014" "6274388" "6277708" "6297173" "6303952" "6342733" "6383920" "6444564" "6448622").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/04/03 11:38 |
| S39 | 0 | (SPM or (scanning adj probe adj microscope) or afm or (atomic adj force adj microscope)) and (FIB or (focused adj ion adj beam)) and (etch\$5 or sputter\$5) and interconnect | EPO; JPO; DERWENT | OR | OFF | 2006/04/03 11:48 |
| S40 | 0 | (SPM or (scanning adj probe adj microscope) or afm or (atomic adj force adj microscope)) and (FIB or (focused adj ion adj beam)) and (mirror adj finish\$5) | EPO; JPO; DERWENT | OR | OFF | 2006/04/03 11:49 |
| S41 | 7 | (SPM or (scanning adj probe adj microscope) or afm or (atomic adj force adj microscope)) and (FIB or (focused adj ion adj beam)) and (mirror adj finish\$5) | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/04/03 11:59 |
| S42 | 42 | (SPM or (scanning adj probe adj microscope) or afm or (atomic adj force adj microscope)) and (FIB or (focused adj ion adj beam)) and (stepped) | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/04/03 12:02 |
| S43 | 806 | (SPM or (scanning adj probe adj microscope) or afm or (atomic adj force adj microscope)) and (sidewall) | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/04/03 12:02 |
| S44 | 273 | (SPM or (scanning adj probe adj microscope) or afm or (atomic adj force adj microscope)) and (sidewall) and (Defect\$5) | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/04/03 13:20 |
| S45 | 4 | "6368425".pn. or "20040180608" or "20020036876" | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/04/03 13:28 |
| S46 | 1 | "4925755".pn. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/04/03 13:28 |

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| S47 | 19 | ("4925755").URPN. | USPAT | OR | OFF | 2006/04/03 13:31 |
| S48 | 5644 | repair\$5 and (SPM or (scanning adj proce ajd microscope)) | USPAT | OR | OFF | 2006/04/03 13:32 |
| S49 | 314 | (repair\$5 adj5 defect) and (SPM or (scanning adj proce ajd microscope)) | USPAT | OR | OFF | 2006/04/03 13:32 |
| S50 | 2 | (repair\$5 adj5 defect) and (SPM or (scanning adj proce adj microscope)) | USPAT | OR | OFF | 2006/04/03 13:32 |
| S51 | 2 | (repair\$5 adj5 defect) and (SPM or (scanning adj process adj microscope)) | USPAT | OR | OFF | 2006/04/03 13:33 |
| S52 | 11 | (repair\$5 same defect) and (SPM or (scanning adj process adj microscope)) | USPAT | OR | OFF | 2006/04/03 13:34 |
| S53 | 22 | (repair\$5 and defect) and (SPM or (scanning adj process adj microscope)) | USPAT; USOCR | OR | OFF | 2006/04/03 13:38 |
| S54 | 1 | "4609809".pn. | USPAT; USOCR | OR | OFF | 2006/04/03 13:38 |
| S55 | 55 | ("4609809").URPN. | USPAT | OR | OFF | 2006/04/03 13:39 |
| S56 | 7 | ("4503329" "4609809" "4623256" "4683378" "4696878" "4748327" "4751169").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/04/03 13:59 |
| S57 | 1 | "6986280".pn. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/04/03 13:59 |
| S58 | 36 | ("20010008272" "20020149782" "20020165636" "20030133104" "20030194820" "20040018653" "20040070772" "20040080757" "20040109165" "20040147048" "4408884" "5091320" "5164790" "5216235" "5262643" "5307693" "5362585" "5394500" "5501637" "5517027" "5699447" "5739909" "5756887" "5801381" "5835221" "5955654" "6016684" "6229609" "6407373" "6421457" "6522776" "6552337" "6658922" "6743646" "6744057" "6744648").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/04/03 13:59 |